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PL00235 Series SMD LED Right Angle 0623 Package

Features

- *Flat Lens Side View Package 1.6 x 1.0 x 0.6mm
- *GaN Ultra Bright Green Chip used
- *Low Current Requirements
- *High Light Output
- *Compatible with IR Solder-Process
- *Industry Standard Footprint
- *2000 or 1000 pcs per Reel
- *RoHS Compliant

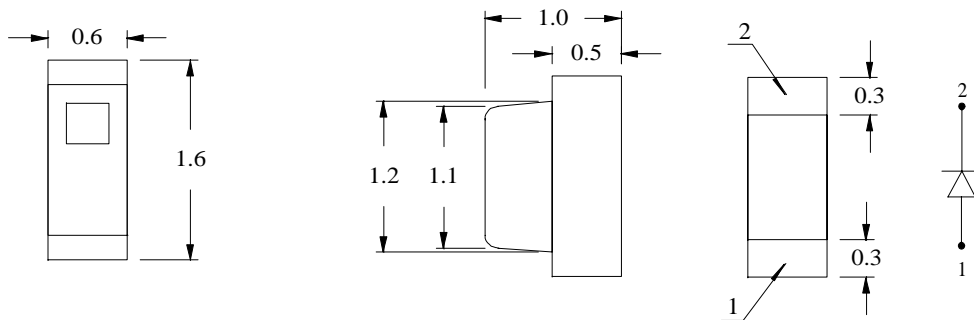
Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Power Dissipation.....	120mW
Reverse Voltage (<100 μ A).....	5.0V
Max Forward Current.....	30mA
Peak Forward Current(1/10 Duty Cycle, 0.1ms Pulse Width).....	100mA
Operating Temperature Range.....	-40°C to + 85°C
Storage Temperature Range.....	-40°C to + 85°C
Reflow Soldering Temperature.....	260°C for 10 seconds

Electrical & Optical Characteristics at $T_A = 25^\circ\text{C}$

Part Number	Emitting Color	Chip Material	Peak Wave Length	Dominant Wave Length	Viewing Angle 2 θ 1/2	Forward Voltage @ 20mA (V)		Luminous Intensity @ 20mA (mcd)	
						Typ	Max	Min	Typ
Water Clear Lens			nm	nm	Deg				
PL00235-WCG05	Pure Green	GaN	523	525	120°	3.5	4.0	135.0	200.0

Package Dimensions are in **Millimeters**. Tolerance is $\pm 0.15\text{mm}$ unless otherwise specified.



Recommended Soldering Pad Layout

